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IMS Patent Focus (File 447, 947)

INPADOC/Family and Legal Status (File 345)

JAPIO - Patent Abstracts of Japan (File 347)

LitAlert (File 670)

U.S. Patents Fulltext (1971-1975) (File 652)

U.S. Patents Fulltext (1976-present) (File 654)

WIPO/PCT Patents Fulltext (File 349)

TRADEMARKSCAN - U.S. Federal (File 226)

DialogLink 5 Release Notes

New features available in the latest release of DialogLink 5 (August 2006)

Ability to resize images for easier incorporation into DialogLink Reports

New settings allow users to be prompted to save Dialog search sessions in the format of their choice (Microsoft Word, RTF, PDF, HTML, or TEXT)

Ability to set up Dialog Alerts by Chemical Structures and the addition of Index Chemicus as a structure searchable database

Support for connections to STN Germany and STN Japan services

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The 2008 EMTREE Thesaurus has been added to EMBASE (Files 72, 73, 772, and 972)

RESUMED UPDATING

***File 156, ToxFile

***File 120, U.S. Copyrights

RELOADS COMPLETED

***Files 154 & 155, MEDLINE (annual reload)

***Files 72 & 73, EMBASE

FILES REMOVED

***Files 359,959,804, Chemical Economics Handbook

***Files 360,960, Specialty Chemicals Update Program

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? b medicine

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 *File 399: Use is subject to the terms of your user/customer agreement. IPCR/8 classification codes now searchable as IC=.
 See HELP NEWSIPCR.
 [File 434] SciSearch(R) Cited Ref Sci 1974-1989/Dec
 (c) 2006 The Thomson Corp. All rights reserved.
 [File 444] New England Journal of Med. 1985-2008/Jan W4
 (c) 2008 Mass. Med. Soc. All rights reserved.
 [File 467] ExtraMED(tm) 2000/Dec
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? e au=buergelt, claus

Ref Items Index-term

E1	14	AU=BUERGELT, C. D.
E2	5	AU=BUERGELT, C.D.
E3	1	AU=BUERGELT, CLAUS
E4	2	AU=BUERGELT, CLAUS D.
E5	1	AU=BUERGELT, CLAUS DIETMAR
E6	1	AU=BUERGELT, CLAUS. D.
E7	2	AU=BUERGELT, E.
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E15 2 AU=BUERGENER F
E16 3 AU=BUERGENER F.
E17 1 AU=BUERGENER FRIEDERIKE
E18 9 AU=BUERGENER M
E19 4 AU=BUERGENER W
E20 1 AU=BUERGENER W.
E21 3 AU=BUERGENER, M.
E22 1 AU=BUERGENER, W.
E23 1 AU=BUERGENMEIER B
E24 3 AU=BUERGENMEIER BEAT
E25 3 AU=BUERGENMEIER, B.

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14 AU=BUERGELT, C. D.

5 AU=BUERGELT, C.D.

S1 19 AU='BUERGELT, C. D.' OR AU='BUERGELT, C.D.'

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S2 18 RD (UNIQUE ITEMS)

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S3 334156 S MYCOBACTERIUM

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18 S2

S4 18 S S1 AND S2

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4/3/1 (Item 1 from file: 65) Links

Inside Conferences

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0006545139 Inside Conference Item ID: CN067614871

Analysis of the Association between ELISA and Nested PCR on Blood and Milk for Mycobacterium avium subsp. paratuberculosis Detection in Holstein Cows

Pinedo, P.J.; Rae, D.O.; Williams, J.E.; Donovan, G.A.; Melendez, P.; Buergelt, C.D.

Conference: American Association of Bovine Practitioners - Annual convention; 39th

39TH ANNUAL CONVENTION PROCEEDINGS AMERICAN ASSOCIATION OF BOVINE PRACTITIONERS;
PROCEEDINGS OF THE ANNUAL CONVENTION- AMERICAN ASSOCIATION OF BOVINE PRACTITIONERS ,
2006; CONF 39 P: 279

Stillwater, OK, American Association of Bovine Practitioners, c2006

ISSN: 0743-0450

Language: English Document Type: Conference Papers and abstracts

Editor: Smith, R.A.

Sponsor: American Association of Bovine Practitioners

Location: Saint Paul, MN

2006; Sep (200609) (200609)

4/3/2 (Item 2 from file: 65) Links

Inside Conferences

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0006543935 Inside Conference Item ID: CN067602831

Genetic Resistance to John's Disease in Four Cattle Breeds: A Candidate Gene Case Control Study, Preliminary Results

Untitled

Pinedo, P.J.; Buergelt, C.D.; Wu, R.; Donovan, G.A.; Williams, J.E.; Rae, D.O.
Conference: American Association of Bovine Practitioners - ANNUAL CONVENTION; 40th
PROCEEDINGS OF THE ANNUAL CONVENTION- AMERICAN ASSOCIATION OF BOVINE PRACTITIONERS ,
2007; CONF 40 P: 227
Stillwater, OK, American Association of Bovine Practitioners, c2007
ISSN: 0743-0450
Language: English Document Type: Conference Papers and abstracts
Editor: Smith, R.A.
Sponsor: American Association of Bovine Practitioners
Location: Vancouver, Canada
2007; Sep (200709) (200709)
Note:
Includes bibliographical references

4/3/3 (Item 3 from file: 65) Links

Inside Conferences

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04392801 Inside Conference Item ID: CN045995628
Causes of Mortality in the Florida Panther (*Felis concolor coryi*)
Buergelt, C. D.; Homer, B. L.; Spalding, M. G.
Conference: Wildlife and livestock, disease and sustainability: what makes sense?; The domestic animal/wildlife interface:
issues for disease control, conservation, sustainable food production, and emerging diseases - Conference
ANNALS-NEW YORK ACADEMY OF SCIENCES , 2002; VOL 969 P: 350-353
New York, N.Y., New York Academy of Sciences, 2002
ISSN: 0077-8923 ISBN: 1573314382; 1573314390
Language: English Document Type: Conference Papers
Editor: Gibbs, E. P. J.; Bokma, R. H.
Location: Pilanesberg, South Africa
2001; July (200107) (200107)

4/3/4 (Item 4 from file: 65) Links

Inside Conferences

(c) 2008 BLDSC all rts. reserv. All rights reserved.
02662662 Inside Conference Item ID: CN027722952
Application of antibody to recombinant polypeptide a362 and of recombinant DNA probe F57 for diagnosis of Johne's
disease (poster abstract)
Buergelt, C. D.; Mathelart, F.; Coetsier, C.; Vannuffel, P.
Conference: Proceedings of the fifth international colloquium on paratuberculosis; a meeting of the International Association
for Paratuberculosis, Madison, Wisconsin, U.S.A. - International colloquium; 5th
PROCEEDINGS OF THE INTERNATIONAL COLLOQUIUM ON PARATUBERCULOSIS , 1996 P: 308
Rehoboth, MA, International Association for Paratuberculosis, 1997
ISBN: 096330433X
Language: English Document Type: Conference Papers
Editor: Chiodini, R. J.; Hines, M. E.; Collins, M. T.
Sponsor: International Association for Paratuberculosis
Location: Madison, WI
Date: Sep 1996 (199609) (199609)

4/3/5 (Item 5 from file: 65) Links

Inside Conferences

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01498104 Inside Conference Item ID: CN014871116

Untitled

Phagocytic and killing capacity of bovine bone marrow-derived macrophages infected with Mycobacterium paratuberculosis
Buergelt, C. D.; Pontzer, C. H.; Williams, E.
Conference: Paratuberculosis - International colloquium; 4th
PROCEEDINGS OF THE INTERNATIONAL COLLOQUIUM ON PARATUBERCULOSIS , 1994; 4th P: 155-160
International Association for Paratuberculosis, 1995
ISBN: 0963304321
Language: English Document Type: Conference Papers and abstracts
Editor: Chiodini, R. J.; Collins, M. T.; Bassey, E. O. E.
Sponsor: International Association for Paratuberculosis
Location: Cambridge
Date: Jul 1994 (19940) (19940)

4/3/6 (Item 6 from file: 65) Links
Inside Conferences
(c) 2008 BLDSC all rts. reserv. All rights reserved.
01287331 Inside Conference Item ID: CN012650656
Interstitial Proliferative Pneumonia in Young Horses
Buergelt, C. D.; Ginn, P.; Wolf, J.
Conference: Veterinary pathology - 13th European congress
EUROPEAN CONGRESS ON VETERINARY PATHOLOGY , 1995; 13th P: 6A-3
[np], 1995
Language: English Document Type: Conference Abstracts and programme
Sponsor: European Society of Veterinary Pathology
Location: Edinburgh
Date: Sep 1995 (199509) (199509)

4/3/7 (Item 1 from file: 149) Links
TGG Health&Wellness DB(SM)
(c) 2008 The Gale Group. All rights reserved.
02785588 Supplier Number: 143161057 (USE FORMAT 7 OR 9 FOR FULL TEXT)
Tolerance of inorganic selenium by range-type ewes during gestation and lactation.(Author Abstract)

Davis, P.A.; McDowell, L.R.; Wilkinson, N.S.; Buergelt, C.D.; Van Alstyne, R.; Weldon, R.N.; Marshall, T.T.
Journal of Animal Science , 84 , 3 , 660(9)
March ,
2006
Document Type: Author Abstract Publication Format: Magazine/Journal
ISSN: 0021-8812
Language: English
Record Type: Abstract Target Audience: Academic

4/3/8 (Item 2 from file: 149) Links
TGG Health&Wellness DB(SM)
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02604036 Supplier Number: 133016443
Toxicity of selenium: fear or precaution? It is suggested that sheep (and likely other ruminants) can tolerate more than 10 ppm of selenium for relatively long periods of time, and organic sources of selenium may result in higher tissue concentrations of selenium than selenite selenium but may be less toxic.(Specialty Nutrition & Health)

McDowell, L.R.; Davis, P.A.; Cristaldi, L.A.; Wilkinson, N.S.; Buergelt, C.D.; Van Alstyne, R.
Feedstuffs , 77 , 22 , 12(2)
May 30 ,

2005

Publication Format: Magazine/Journal

ISSN: 0014-9624

Language: English

Record Type: Citation Target Audience: Trade

4/3/9 (Item 1 from file: 162) Links

Global Health

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0005078079 CAB Accession Number: 20053143478

Paratuberculosis.

Buergelt, C. D.; Bastianello, S. S.; Michel, A. L.

Department of Pathobiology, College of Veterinary Medicine, University of Florida, P O Box 110880, Gainesville, FL 32611-0880, USA.

Book Title: Infectious diseases of livestock. Volume Three

(Ed.2): p.1994-2008

Publication Year: 2004

Editors: Coetzer, J. A. W.; Tustin, R. C.

Publisher: Oxford University Press Oxford , UK

ISBN: 0-19-576171-5

Language: English Record Type: Citation

Document Type: Book chapter

4/3/10 (Item 2 from file: 162) Links

Fulltext available through: STIC Full Text Retrieval Options

Global Health

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0004939088 CAB Accession Number: 20033165199

West Nile Virus encephalomyelitis in horses: 46 cases (2001).

Porter, M. B.; Long, M. T.; Getman, L. M.; Giguere, S.; MacKay, R. J.; Lester, G. D.; Alleman, A. R.; Wamsley, H. L.; Franklin, R. P.; Jacks, S.; Buergelt, C. D.; Detrisac, C. J.

Department of Large Animal Clinical Sciences, College of Veterinary Medicine, University of Florida, Gainesville, FL 32610, USA.

Journal of the American Veterinary Medical Association vol. 222 (9): p.1241-1247

Publication Year: 2003

ISSN: 0003-1488

Publisher: American Veterinary Medical Association Schaumburg , USA

Language: English Record Type: Abstract

Document Type: Journal article

4/3/11 (Item 3 from file: 162) Links

Fulltext available through: STIC Full Text Retrieval Options

Global Health

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0004876474 CAB Accession Number: 20023122148

Cryptococcosis.

Original Title: Criptococosis.

Buergelt, C. D.

Selecciones Veterinarias vol. 10 (1): p.7-9

Publication Year: 2002

Untitled

ISSN: 0327-859X

Publisher: Editorial Inter-Medica S.A.I.C.I. Buenos Aires , Argentina

Language: Spanish Record Type: Abstract

Document Type: Journal article

4/3/12 (Item 4 from file: 162) Links

Global Health

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0004497890 CAB Accession Number: 19942208129

Investigation of vaccine-induced tolerance to eastern equine encephalitis in young equids. Poster

Wilson, J. H.; Gibbs, E. P. J.; Calisher, C. E.; Buergelt, C. D.; Schneider, C. A.

Equine Infectious Diseases VI: Proceedings of the Sixth International Conference, 7-11 July 1991.

Conference Title: Equine Infectious Diseases VI: Proceedings of the Sixth International Conference, 7-11 July 1991.

p.341-342

Publication Year: 1992

Editors: Plowright, W.; Rosedale, P. D.; Wade, J. F.

Publisher: R & W Publications (Newmarket) Ltd Newmarket , UK

ISBN: 0-9516604-3-8

Language: English Record Type: Citation

Document Type: Abstract only; Conference paper

4/3/13 (Item 5 from file: 162) Links

Fulltext available through: STIC Full Text Retrieval Options

Global Health

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0004438614 CAB Accession Number: 19922269822

Ocular and systemic aspergillosis in a dog.

Gelatt, K. N.; Chrisman, C. L.; Samuelson, D. A.; Shell, L. G.; Buergelt, C. D.

Department of Small Animal Clinical Sciences, College of Veterinary Medicine, University of Florida, Gainesville, FL 32610, USA.

Journal of the American Animal Hospital Association vol. 27 (4): p.427-431

Publication Year: 1991

ISSN: 0587-2871

Language: English Record Type: Abstract

Document Type: Journal article

4/3/14 (Item 6 from file: 162) Links

Fulltext available through: STIC Full Text Retrieval Options

Global Health

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0004395395 CAB Accession Number: 19910870773

Toxoplasma gondii in a collection of nondomestic ruminants.

Stover, J.; Jacobson, E. R.; Lukas, J.; Lappin, M. R.; Buergelt, C. D.

Department of Small Animal Clinical Sciences, College of Veterinary Medicine, University of Florida, Gainesville, FL 32610, USA.

Journal of Zoo and Wildlife Medicine vol. 21 (3): p.295-301

Publication Year: 1990

ISSN: 1042-7260

Language: English Record Type: Abstract

Document Type: Journal article

4/3/15 (Item 7 from file: 162) Links

Fulltext available through: STIC Full Text Retrieval Options

Global Health

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0004208000 CAB Accession Number: 19842244180

Systemic protothecosis with ocular manifestations in a dog.

Merideth, R. E.; Gwin, R. M.; Samuelson, D. A.; Gelatt, K. N.; Buergelt, C. D.
Dep. Comp. Ophthalmol., Coll. Vet. Med., Univ., Gainesville, Florida 32610, USA.

Journal of the American Animal Hospital Association vol. 20 (1): p.153-156

Publication Year: 1984

ISSN: 0587-2871

Language: English Record Type: Abstract

Document Type: Journal article

4/3/16 (Item 1 from file: 399) Links

Fulltext available through: STIC Full Text Retrieval Options

CA SEARCH(R)

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144273350 CA: 144(15)273350c JOURNAL

Tolerance of inorganic selenium by range-type ewes during gestation and lactation

Author: Davis, P. A.; McDowell, L. R.; Wilkinson, N. S.; Buergelt, C. D.; Van Alstyne, R.; Weldon, R. N.; Marshall, T. T.

Location: Department of Animal Sciences, University of Florida, Gainesville, 32611, USA

Journal: J. Anim. Sci. (Savoy, IL, U. S.)

Date: 2006

Volume: 84 Number: 3 Pages: 660-668

CODEN: JANSAG

ISSN: 0021-8812

Language: English

Publisher: American Society of Animal Science

4/3/17 (Item 2 from file: 399) Links

Fulltext available through: STIC Full Text Retrieval Options

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142087152 CA: 142(6)87152y JOURNAL

Nested PCR on blood and milk for the detection of Mycobacterium avium subsp paratuberculosis DNA in clinical and subclinical bovine paratuberculosis

Author: Buergelt, C. D.; Williams, J. E.

Location: Department of Pathobiology, College of Veterinary Medicine, University of Florida, Gainesville, FL, 32610, USA

Journal: Aust. Vet. J.

Date: 2004

Volume: 82 Number: 8 Pages: 497-503

CODEN: AUVJA2

ISSN: 0005-0423

Language: English

Publisher: Australian Veterinary Association

4/3/18 (Item 3 from file: 399) Links

Fulltext available through: STIC Full Text Retrieval Options

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103171515 CA: 103(21)171515w JOURNAL

Amoxycillin and clavulanic acid combination in the treatment of experimentally induced bacterial cystitis in cats

Author: Senior, D. F.; Gaskin, J. M.; Buergelt, C. D.; Franks, P. P.; Keefe, T. J.

Location: Coll. Vet. Med., Univ. Florida, Gainesville, FL, 32610, USA

Journal: Res. Vet. Sci.

Date: 1985

Volume: 39 Number: 1 Pages: 42-6

CODEN: RVTSA9

ISSN: 0034-5288

Language: English

? e au=williams, joseph

Ref Items Index-term

E1	1	AU=WILLIAMS, JONNIE LEE
E2	4	AU=WILLIAMS, JONNIE R.
E3	14	AU=WILLIAMS, JOSEPH
E4	5	AU=WILLIAMS, JOSEPH A.
E5	2	AU=WILLIAMS, JOSEPH A., III
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E7	1	AU=WILLIAMS, JOSEPH ADRIAN
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E9	20	AU=WILLIAMS, JOSEPH B
E10	25	AU=WILLIAMS, JOSEPH B.
E11	1	AU=WILLIAMS, JOSEPH BECKHAM
E12	12	AU=WILLIAMS, JOSEPH BLAIR
E13	1	AU=WILLIAMS, JOSEPH BURTON
E14	29	AU=WILLIAMS, JOSEPH C.
E15	1	AU=WILLIAMS, JOSEPH C., SR.
E16	5	AU=WILLIAMS, JOSEPH CAMPBELL
E17	1	AU=WILLIAMS, JOSEPH CLOBERRY
E18	2	AU=WILLIAMS, JOSEPH CLOBERRY, JR.
E19	4	AU=WILLIAMS, JOSEPH D.
E20	5	AU=WILLIAMS, JOSEPH E.
E21	8	AU=WILLIAMS, JOSEPH E. G.
E22	1	AU=WILLIAMS, JOSEPH E.G.
E23	1	AU=WILLIAMS, JOSEPH EDWARD
E24	1	AU=WILLIAMS, JOSEPH ELLIOT
E25	2	AU=WILLIAMS, JOSEPH EPHRAIM

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	1	AU=WILLIAMS, JOSEPH ELLIOT
	5	AU=WILLIAMS, JOSEPH E.
	14	AU=WILLIAMS, JOSEPH
S5	20	AU='WILLIAMS, JOSEPH ELLIOT' OR AU='WILLIAMS, JOSEPH E.' OR AU='WILLIAMS, JOSEPH'

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18 S2
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Ref Items Index-term

E1	1	AU=PARK, JEONGDAE
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E3	10	AU=PARK, JEONGHAE
E4	26	AU=PARK, JEONGHAN
E5	1	AU=PARK, JEONGHEE
E6	1	AU=PARK, JEONGHEON
E7	2	AU=PARK, JEONGHILL
E8	5	AU=PARK, JEONGHO
E9	1	AU=PARK, JEONGHOON
E10	1	AU=PARK, JEONGHUN
E11	1	AU=PARK, JEONGHWAN
E12	9	AU=PARK, JEONGHYEON
E13	1	AU=PARK, JEONGHYEONG
E14	16	AU=PARK, JEONGIM
E15	1	AU=PARK, JEONGIN
E16	1	AU=PARK, JEONGKOO
E17	4	AU=PARK, JEONGKYU
E18	2	AU=PARK, JEONGMAN
E19	2	AU=PARK, JEONGMI
E20	3	AU=PARK, JEONGMIN
E21	2	AU=PARK, JEONGMOO
E22	1	AU=PARK, JEONGOK
E23	1	AU=PARK, JEONGSIK
E24	1	AU=PARK, JEONGSONG M.
E25	1	AU=PARK, JEONGSOOK

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S7 10 AU='PARK, JEONGHAE'

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S8 8 RD (UNIQUE ITEMS)

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8/3/1 (Item 1 from file: 98) Links

General Sci Abs

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5799582 H.w. Wilson Record Number: BGSA06101038

Inhibition of simian immunodeficiency virus by foamy virus vectors expressing siRNAs

Park, Jeonghae

Nadeau, Peter; Zucali, James R

Virology v. 343 no2 (December 20 2005) p. 275-82

Document Type: Feature Article

Special Features: Bibliography Graph Illustration ISSN: 0042-6822

Language: English

Country Of Publication: United States

Untitled

8/3/2 (Item 2 from file: 98) Links

General Sci Abs

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04764691 H.w. Wilson Record Number: BGSA02014691

A minimal genome simian foamy virus type 1 vector system with efficient gene transfer.

Park, Jeonghae

Nadeau, Peter E; Mergia, Ayalew

Virology (Virology) v. 302 no2 (Oct. 25 2002) p. 236-44

Special Features: bibl il ISSN: 0042-6822

Language: English

Country Of Publication: United States

8/3/3 (Item 1 from file: 399) Links

CA SEARCH(R)

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146258338 CA: 146(13)258338c CONFERENCE PROCEEDING

Simian foamy virus type-1 vectors

Author: Park, Jeonghae; Mergia, Ayalew

Location: Department of Pathobiology, College of Veterinary Medicine, University of Florida, Gainesville, FL, 32610, USA

Journal: Gene Transfer

Editor: Friedmann, Theodore (Ed), Rossi, John (Ed),

Date: 2007

Pages: 99-105

CODEN: 69IVYS

Language: English

Publisher: Cold Spring Harbor Laboratory Press , Cold Spring Harbor, N. Y ISBN: 978-0-87969-764-8

8/3/4 (Item 2 from file: 399) Links

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141290012 CA: 141(18)290012z PATENT

Nested PCR and primers for diagnosing bovine paratuberculosis

Inventor (Author): Buergelt, Claus D.; Williams, Joseph Elliot; Park, Jeonghae

Location: USA

Patent: U.S. Pat. Appl. Publ. ; US 20040185488 A1 Date: 20040923

Application: US 802197 (20040317) *US PV455381 (20030317)

Pages: 12 pp.

CODEN: USXXCO

Language: English

Patent Classifications:

Class: 435006000; C12Q-001/68A

8/3/5 (Item 3 from file: 399) Links

Fulltext available through: STIC Full Text Retrieval Options

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138164340 CA: 138(12)164340e JOURNAL

Transduction of Umbilical Cord Blood CD34+ NOD/SCID-Repopulating Cells by Simian Foamy Virus Type 1 (SFV-1)

Untitled

Vector

Author: Zucali, James R.; Ciccarone, Tina; Kelley, Vicky; Park, Jeonghae; Johnson, Calvin M.; Mergia, Ayalew

Location: Department of Medicine, University of Florida, Gainesville, FL, 32610, USA

Journal: Virology

Date: 2002

Volume: 302 Number: 2 Pages: 229-235

CODEN: VIRLAX

ISSN: 0042-6822

Language: English

Publisher: Elsevier Science

8/3/6 (Item 4 from file: 399) Links

CA SEARCH(R)

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137074105 CA: 137(6)74105g JOURNAL

Simian foamy virus vectors: Preparation and use

Author: Park, Jeonghae; Mergia, Ayalew

Location: Department of Pathobiology, College of Veterinary Medicine, University of Florida, Gainesville, FL, USA

Journal: Methods Mol. Med.

Date: 2002

Volume: 69 Number: Gene Therapy Protocols (2nd Edition) Pages: 319-333

CODEN: MMMEFN

Language: English

Publisher: Humana Press Inc.

8/3/7 (Item 5 from file: 399) Links

Fulltext available through: STIC Full Text Retrieval Options

CA SEARCH(R)

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134052760 CA: 134(5)52760c JOURNAL

Mutational Analysis of the 5' Leader Region of Simian Foamy Virus Type 1

Author: Park, Jeonghae; Mergia, Ayalew

Location: Department of Pathobiology, College of Veterinary Medicine, University of Florida, Gainesville, FL, 32610, USA

Journal: Virology

Date: 2000

Volume: 274 Number: 1 Pages: 203-212

CODEN: VIRLAX

ISSN: 0042-6822

Language: English

Publisher: Academic Press

8/3/8 (Item 6 from file: 399) Links

Fulltext available through: STIC Full Text Retrieval Options

CA SEARCH(R)

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118035986 CA: 118(5)35986h JOURNAL

Both chloroplast and mitochondria NADH dehydrogenase subunit 5 genes are transcribed in pea

Author: Park, Jeonghae; Breitenberger, Caroline

Location: Dep. Biochem., Ohio State Univ., Columbus, OH, 43210-1292, USA

Journal: Biochem. Genet.
Date: 1992
Volume: 30 Number: 9-10 Pages: 437-42
CODEN: BIGEBA
ISSN: 0006-2928
Language: English

? s ((mycobacterium (w4) paratuberculosis) or map) and (pcr or (polymerase (w) chain (w) reaction))

Processing

Processing

334156 MYCOBACTERIUM
12203 PARATUBERCULOSIS
9960 MYCOBACTERIUM(4W)PARATUBERCULOSIS
643240 MAP
1269540 PCR
1720612 POLYMERASE
3022529 CHAIN
7083402 REACTION
1335916 POLYMERASE(W)CHAIN(W)REACTION

S9 30221 S ((MYCOBACTERIUM (W4) PARATUBERCULOSIS) OR MAP) AND (PCR OR (POLYMERASE (W) CHAIN (W) REACTION))

? s (blood or milk) and cow

Processing

Processing

11306463 BLOOD
659473 MILK
175047 COW

S10 90380 S (BLOOD OR MILK) AND COW

? s s9 and s10

30221 S9
90380 S10

S11 109 S S9 AND S10

? rd

S12 61 RD (UNIQUE ITEMS)

? s s12 not py>2003

Processing

>>>W: One or more prefixes are unsupported
or undefined in one or more files.

61 S12

25116320 PY>2003

S13 34 S S12 NOT PY>2003

? t s13//k/1-10

>>>E: Syntax error near "s13//k/1-10"

? t s13/k/1-10

>>>W: KWIC option is not available in file(s): 399

13/K/1 (Item 1 from file: 5) Links

Biosis Previews(R)

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Evidence for a novel gene expression program in peripheral blood mononuclear cells from *Mycobacterium avium* subsp. paratuberculosis-infected cattle.

Abstract: A bovine-specific cDNA microarray system was used to compare gene expression profiles of peripheral blood mononuclear cells (PBMCs) from control uninfected (n = 4) and Johne's disease-positive (n = 6... ..that for each animal, a direct comparison was made between PBMCs stimulated in vitro with *Mycobacterium avium* subsp. paratuberculosis and PBMCs stimulated with phosphate-buffered saline (nil-stimulated PBMCs). As expected, *M. avium* subsp. paratuberculosis stimulation of infected cow PBMCs enhanced expression of gamma interferon transcripts. In addition, expression of 15 other genes was... ..0.05) by in vitro stimulation with *M. avium* subsp. paratuberculosis. Similar treatment of control cow PBMCs with *M. avium* subsp. paratuberculosis resulted in significant changes in expression of 13 genes, only 2 of which were also affected in PBMCs from the infected cow PBMCs. To compare gene expression patterns in the two cow infection groups (infected cows and uninfected cows), a mixed-model analysis was performed with the... ..groups. The expression patterns of selected genes were substantiated by quantitative real-time reverse transcriptase PCR. Flow cytometric analysis indicated that there were no gross differences in the relative populations of...

DESCRIPTORS:

Organisms: ...host, breed-Holstein, cow;*Mycobacterium avium* paratuberculosis (Mycobacteriaceae

Organisms: Parts Etc: peripheral blood mononuclear cell {PBMC... ..blood and lymphatics, immune system

Methods & Equipment: ...quantitative real-time reverse transcriptase PCR {quantitative real-time RT-PCR}--

13/K/2 (Item 2 from file: 5) Links

Biosis Previews(R)

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Detection of *Mycobacterium avium* subsp. paratuberculosis in goats milk by immunomagnetic PCR.

DESCRIPTORS:

Organisms: ...*Mycobacterium avium* ssp. paratuberculosis (Mycobacteriaceae

Methods & Equipment: ...immunomagnetic PCR {immunomagnetic polymerase chain reaction}--

Miscellaneous Terms: Concept Codes: cow's milk--... ..raw goat's milk--

13/K/3 (Item 3 from file: 5) Links

Biosis Previews(R)

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Incidence of *Mycobacterium paratuberculosis* in bulk raw and commercially pasteurized cows' milk from approved dairy processing establishments in the United Kingdom

Abstract: Over a 17-month period (March 1999 to July 2000), a total of 814 cows' milk samples, 244 bulk raw and 567 commercially pasteurized (228 whole, 179 semiskim, and 160 skim... ..241 approved dairy processing establishments throughout the United Kingdom were tested for the presence of *Mycobacterium paratuberculosis* by immunomagnetic PCR (to detect all cells living and dead) and culture (to detect viable cells). Overall, *M. paratuberculosis* DNA was detected by immunomagnetic PCR in 19 (7.8%; 95% confidence interval, 4.3 to 10.8%) and 67 (11.8%; 95% confidence interval, 9.0 to 14.2%) of the raw and pasteurized milk samples, respectively. Confirmed *M. paratuberculosis* isolates were cultured from 4 (1.6%; 95% confidence interval... ..1.8%; 95% confidence interval, 0.7 to 2.8%) of the raw and pasteurized milk samples, respectively, following chemical decontamination with 0.75% (wt/vol) cetylpyridinium chloride for 5 h. The 10 culture-positive pasteurized milk samples were from just 8 (3.3%) of the 241 dairy processing establishments that participated in the survey. Seven of the culture-positive pasteurized milk samples had been heat treated at 72 to 74degreeC for 15 s; the remainder had... ..typed by restriction fragment length polymorphism and pulsed-field gel electrophoresis methods, some of the milk isolates were shown to be types distinct from those of laboratory strains in regular use within the testing laboratory. From information gathered at the time of milk sample collection, all indications were that pasteurization had been carried out effectively at all of... ..and temperature conditions complied with the legal minimum high-temperature, short-time process; all pasteurized milk samples tested phosphatase negative; and postprocess contamination was considered unlikely to have occurred. It was concluded that viable *M. paratuberculosis* is occasionally present at low levels in commercially pasteurized cows' milk in the United Kingdom.

DESCRIPTORS:

Untitled

Organisms: cow (Bovidae... ..Mycobacterium paratuberculosis (Mycobacteriaceae
Methods & Equipment: ...polymerase chain reaction techniques
Miscellaneous Terms: Concept Codes: ...cow milks

13/K/4 (Item 4 from file: 5) Links

Biosis Previews(R)

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Diagnosis of paratuberculosis in milk: Antibody and pathogen detection by ELISA and PCR

Abstract: ...with increasing frequency and leading to growing economic losses. Two techniques to diagnose paratuberculosis from milk are introduced. The first method allows antibody detection by means of ELISA, the other allows detection of the pathogen by means of PCR. For antibody detection the Svanovir(R) Paratuberculosis-ELISA was chosen. This ELISA could be successfully adapted for testing milk for antibody against M. paratuberculosis. Inter Assay Variation of the milk ELISA was 17%. An antibody analysis done in parallel with milk and blood samples from 601 dairy cows using the Svanovir(R) ELISA indicated that results obtained with both methods showed a significant correlation. The optimal "cut off" for the milk ELISA with a specificity of 96% and a sensitivity of 79% was determined by ROC analysis. For detection of M. paratuberculosis a touchdown PCR with function control was established. The reproducible limit of detectability in artificially contaminated milk samples is lower than 103 bacteria per ml milk or 104 bacteria per ml colostrum, respectively. The internal control, which is required for the diagnostic use of PCR tests, allows the exclusion of false-negative results. The reproducibility and diagnostic value of both tests was confirmed in a 4 month trial; taking weekly samples of milk, blood and feces from 10 dairy cows.

DESCRIPTORS:

Organisms: cow (Bovidae... ..Mycobacterium avium paratuberculosis (Mycobacteriaceae

Organisms: Parts Etc: milk--

Methods & Equipment: PCR {polymerase chain reaction}--

Miscellaneous Terms: Concept Codes: milk product...

13/K/5 (Item 5 from file: 5) Links

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Effect of commercial-scale high-temperature, short-time pasteurization on the viability of Mycobacterium paratuberculosis in naturally infected cows' milk

Abstract: Raw cows' milk naturally infected with Mycobacterium paratuberculosis was pasteurized with an APV HXP commercial-scale pasteurizer (capacity 2,000 liters/h) on 12 separate occasions. On each processing occasion, milk was subjected to four different pasteurization treatments, viz., 73degreeC for 15 s or 25 s... ..lb/in2 in two stages), in an APV Manton Gaulin KF6 homogenizer. Raw and pasteurized milk samples were tested for M. paratuberculosis by immunomagnetic separation (IMS)-PCR (to detect the presence of bacteria) and culture after decontamination with 0.75% (wt/vol... ..bacterial viability). On 10 of the 12 processing occasions, M. paratuberculosis was detectable by IMS-PCR, culture, or both in either raw or pasteurized milk. Overall, viable M. paratuberculosis was cultured from 4 (6.7%) of 60 raw and 10 (6.9%) of 144 pasteurized milk samples. On one processing day, in particular, M. paratuberculosis appeared to have been present in greater abundance in the source raw milk (evidenced by more culture positives and stronger PCR signals), and on this occasion, surviving M. paratuberculosis bacteria were isolated from milk processed by all four heat treatments, i.e., 73degreeC for 15 and 25 s with... ..prior homogenization. On one other occasion, surviving M. paratuberculosis bacteria were isolated from an unhomogenized milk sample that had been heat treated at 73degreeC for 25 s. Results suggested that homogenization... ..s holding time. This study provides clear evidence that M. paratuberculosis bacteria in naturally infected milk are capable of surviving commercial high-temperature, short-time pasteurization if they are present in raw milk in sufficient numbers.

DESCRIPTORS:

Organisms: ...Mycobacterium paratuberculosis (Mycobacteriaceae

Organisms: Parts Etc: milk--

Miscellaneous Terms: Concept Codes: ...cow's milk--

13/K/6 (Item 6 from file: 5) [Links](#)

Biosis Previews(R)

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Abstract: ...identify hepatic and intestinal expressed sequence tags (ESTs) in lactating cows of different metabolic types (milk type, meat/ milk type, meat type) that are potentially associated with energy turnover and involved in the regulation... ...ESTs (liver: 43, intestine: 51) did not match with any database entries. Semi-quantitative RT-PCR revealed quantitative differences in transcript represented by randomly chosen ESTs in liver samples of animalsto the bovine syntenic groups and positioned in the recently established RH-based ordered comparative map of the cattle and human genomes. The mapped, differentially expressed sequence tags are a useful...

DESCRIPTORS:

Organisms: ...breed-Charolais, breed-Holstein, cow

Methods & Equipment: ...semi-quantitative reverse transcriptase-polymerase chain reaction--

Miscellaneous Terms: Concept Codes: ...meat type, meat/milk type, milk type...

13/K/7 (Item 7 from file: 5) [Links](#)

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Detection of *Mycobacterium avium* subsp. *paratuberculosis* in milk from clinically affected cows by PCR and culture

Abstract: Milk and faeces samples from cows with clinical symptoms of paratuberculosis were examined for the presence of *Mycobacterium avium* subsp. *paratuberculosis* (*M. paratuberculosis*) by culture and PCR. *M. paratuberculosis* was cultivated in variable numbers from faeces or intestinal mucosa in eight of 11 animals. In milk from five cows (all faeces culture positive), we cultivated a few colonies of *M. paratuberculosis* (<100 CFU per ml). Milk samples from two cows were PCR positive (both animals were faeces culture positive, and one cow was milk culture positive). One cow was culture negative on intestinal mucosa, but culture positive in milk, and two cows were negative in culture and PCR from both faeces and milk. In conclusion, the presence of *M. paratuberculosis* could be detected in raw milk by PCR, but cultivation of milk was more sensitive.

DESCRIPTORS:

Organisms: ...cow, female... ...*Mycobacterium avium* subsp. *paratuberculosis* (*Mycobacteriaceae*

Organisms: Parts Etc: ...milk--

Methods & Equipment: PCR {polymerase chain reaction}--

13/K/8 (Item 8 from file: 5) [Links](#)

Biosis Previews(R)

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Improved detection of *Mycobacterium avium* subsp. *paratuberculosis* in milk by immunomagnetic PCR

Abstract: The potential use of a novel immunomagnetic PCR (IMS-PCR) technique as a rapid method to screen milk samples for the presence of *Mycobacterium avium* subsp. *paratuberculosis* (*M. ptb*) was assessed. Immunomagnetic separation (IMS) for *M. ptb*, developed at Queen's University, Belfast, was applied to milk samples prior to IS900 PCR in order to selectively concentrate any *M. ptb* cells present and, at the same time, separate the cells from constituents of milk likely to inhibit subsequent PCR. This increased the sensitivity of IS900 PCR. IMS-PCR sensitivity could be further increased by initial centrifugation (2500g for 20 min) of larger volumes of milk (10 and 50 ml), and resuspension of the sediment into a 1 ml volume appropriate for IMS treatment. Following IMS, template DNA for IS900 PCR was obtained by heating the bead-cell suspension in a thermal cycler at 100degreeC for 15 min. It was estimated that the IMS-PCR assay could detect approximately 103 CFU of *M. ptb* per 50 ml of milk (equivalent to 20 CFU/ml), whereas the minimum detection limit of direct IS900 PCR was estimated at 105 CFU of *M. ptb* per 50 ml (equivalent to 2000 CFU... ..a total of 40 spiked (106 CFU *M. ptb*) and unspiked, raw and laboratory-pasteurised milk samples were independently tested by IMS-PCR and conventional IS900 PCR. IMS-PCR correctly identified 97.5% of milk samples (sensitivity 100%, specificity 95%), including spiked milk samples before and after laboratory-pasteurisation. One false positive result was obtained which may have resulted from carryover between samples during the IMS procedure. Conventional IS900 PCR correctly identified only 72.5% of the same

Untitled

40 milk samples (sensitivity 23%, specificity 100%). IMS-PCR was also shown to be capable of detecting natural *M. ptb* infection in raw sheep's milk, and raw and commercially pasteurised cows' milk .

DESCRIPTORS:

Organisms: ...cow, female... ...*Mycobacterium avium* subsp. *paratuberculosis* (Mycobacteriaceae

Organisms: Parts Etc: milk--

Methods & Equipment: IMS-PCR {immunogenic separation-PCR}--

13/K/9 (Item 9 from file: 5) Links

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Mycobacterium avium subsp. *paratuberculosis* in milk: An animal and human pathogen

DESCRIPTORS:

Organisms: ...cow, dairy animal, female... ...*Mycobacterium avium* ssp. *paratuberculosis* (Mycobacteriaceae

Methods & Equipment: PCR {polymerase chain reaction}--

Miscellaneous Terms: Concept Codes: ...milk--

13/K/10 (Item 10 from file: 5) Links

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Effect of high-temperature, short-time (HTST) pasteurization on milk containing low numbers of *Mycobacterium paratuberculosis*

Abstract: ...time (HTST) pasteurization (72degreeC/15 s) when low numbers (ltoreq 103 cfu ml-1) of *Mycobacterium paratuberculosis* are present in milk was investigated. Raw cows' milk spiked with *Myco. paratuberculosis* (103 CfU ml-1, 102 cfu ml-1, 10 cfu ml... ...12B radiometric medium detected acid-fast survivors in 14.8% and 10% of HTST-pasteurized milk samples at the 103 and 102 cfu ml-1 inoculum levels, respectively, whereas conventional culture... ...J detected acid-fast survivors in only 3.7% and 6.7% of the same milk samples. IS900-based PCR confirmed that these acid-fast survivors were *Myco. paratuberculosis*. No viable *Myco. paratuberculosis* were isolated from HTST-pasteurized milk initially containing either 10 cfu ml-1 or 10 cfu 50 ml-1.

DESCRIPTORS:

Organisms: *Mycobacterium-paratuberculosis* (Mycobacteriaceae...

Methods & Equipment: ...IS900-based PCR--

Miscellaneous Terms: Concept Codes: raw cow's milk--

? t s13/3/11-20

13/3/11 (Item 11 from file: 5) Links

Fulltext available through: STIC Full Text Retrieval Options

Biosis Previews(R)

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13595664 Biosis No.: 199699229724

IS900 PCR to detect *Mycobacterium paratuberculosis* in retail supplies of whole pasteurized cows' milk in England and Wales

Author: Millar Douglas; Ford Jon; Sanderson Jeremy; Withey Simon; Tizard Mark; Doran Tim; Hermon-Taylor John (Reprint)

Author Address: Dep. Surgery, St. George's Hosp. Med. Sch., Cranmer Terrace, London SW7 0RE, UK**UK

Journal: Applied and Environmental Microbiology 62 (9); p 3446-3452 1996 1996

ISSN: 0099-2240

Document Type: Article

Record Type: Abstract

Language: English

Untitled

13/3/12 (Item 12 from file: 5) Links

Fulltext available through: STIC Full Text Retrieval Options

Biosis Previews(R)

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13081577 Biosis No.: 199598549410

Ex vivo induction of TNF-alpha and IL-6 mRNA in bovine whole blood by Mycobacterium paratuberculosis and mycobacterial cell wall components

Author: Adams Jeffrey L; Czuprynski Charles J (Reprint)

Author Address: Department Pathobiological Sciences, School Veterinary Medicine, 2015 Linden Drive West, Madison, WI 53706, USA**USA

Journal: Microbial Pathogenesis 19 (1): p 19-29 1995 1995

ISSN: 0882-4010

Document Type: Article

Record Type: Abstract

Language: English

13/3/13 (Item 1 from file: 34) Links

Fulltext available through: STIC Full Text Retrieval Options

SciSearch(R) Cited Ref Sci

(c) 2008 The Thomson Corp. All rights reserved.

11880975 Genuine Article#: 706QY No. References: 31

Study on genetic variation of 4 microsatellite DNA markers and their relationship with somatic cell counts in cow milk

Author: Jin HG (REPRINT) ; Zhou GL; Cao Y; Chu MX

Corporate Source: Yanbian Univ,Coll Agr,Longjing 133400/Jilin/Peoples R China/ (REPRINT); Yanbian Univ,Coll Agr,Longjing 133400/Jilin/Peoples R China/

Journal: ASIAN-AUSTRALASIAN JOURNAL OF ANIMAL SCIENCES , 2003 , V 16 , N10 (OCT) , P 1535-1539

ISSN: 1011-2367 Publication date: 20031000

Publisher: ASIAN-AUSTRALASIAN ASSOC ANIMAL PRODUCTION SOCIETIES , COLLEGE AGRICULTURE LIFE SCIENCES, DEPT ANIMAL SCIENCE TECHNOLOGY, SUWON 441-744, SOUTH KOREA

Language: English Document Type: ARTICLE (ABSTRACT AVAILABLE)

13/3/14 (Item 2 from file: 34) Links

Fulltext available through: STIC Full Text Retrieval Options

SciSearch(R) Cited Ref Sci

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11843857 Genuine Article#: 701UH No. References: 34

Application of disease-associated differentially expressed genes - Mining for functional candidate genes for mastitis resistance in cattle

Author: Schwerin M (REPRINT) ; Czernek-Schafer D; Goldammer T; Kata SR; Womack JE; Pareek R; Pareek C; Walawski K; Brunner RM

Corporate Source: Res Inst Biol Farm Anim,Res Unit Mol Biol,Dummerstorf//Germany/ (REPRINT); Res Inst Biol Farm Anim,Res Unit Mol Biol,Dummerstorf//Germany/; Texas A&M Univ,Dept Vet Pathobiol,College Stn//TX/77843; Univ Warmia & Mazury,Dept Anim Genet,Olsztyn//Poland/

Journal: GENETICS SELECTION EVOLUTION , 2003 , V 35 , 1 , P S19-S34

ISSN: 0999-193X Publication date: 20030000

Publisher: E D P SCIENCES , 7, AVE DU HOGGAR, PARC D ACTIVITES COURTABOEUF, BP 112, F-91944 LES ULIS CEDEXA, FRANCE

Language: English Document Type: ARTICLE (ABSTRACT AVAILABLE)

Untitled

13/3/15 (Item 3 from file: 34) Links

Fulltext available through: STIC Full Text Retrieval Options

SciSearch(R) Cited Ref Sci

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11474554 Genuine Article#: 655PE No. References: 16

Temporal patterns of diagnostic results in serial samples from cattle with advanced paratuberculosis infections

Author: Barrington GM (REPRINT) ; Gay JM; Eriks IS; Davis WC; Evermann JE; Emerson C; O'Rourke JL; Hamilton MJ; Bradway DS

Corporate Source: Washington State Univ,Dept Vet Clin Sci,Pullman//WA/99164 (REPRINT); Washington State Univ,Dept Vet Clin Sci,Pullman//WA/99164; Washington State Univ,Dept Vet Microbiol & Pathol,Pullman//WA/99164; Washington State Univ,Washington Anim Dis Doagnost Lab,Pullman//WA/99164

Journal: JOURNAL OF VETERINARY DIAGNOSTIC INVESTIGATION , 2003 , V 15 , N2 (MAR) , P 195-200

ISSN: 1040-6387 Publication date: 20030300

Publisher: AMER ASSOC VETERINARY LABORATORY DIAGNOSTICIANS INC , PO BOX 1522, TURLOCK, CA 95381 USA

Language: English Document Type: ARTICLE (ABSTRACT AVAILABLE)

13/3/16 (Item 4 from file: 34) Links

Fulltext available through: STIC Full Text Retrieval Options

SciSearch(R) Cited Ref Sci

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07902455 Genuine Article#: 221UK No. References: 32

Detection of Mycobacterium avium subspecies paratuberculosis by polymerase chain reaction and cultural method in Austria

Author: AwadMasalmeh M (REPRINT) ; Zimpernik I; Baumgartner W; Hinterdorfer F; Flatscher J

Corporate Source: VET MED UNIV,MED KLIN KLAUENTIERE 2/A-1210 VIENNA//AUSTRIA/ (REPRINT); BUNDESANSTALT VET MED UNTERSUCHUNGEN,/GRAZ//AUSTRIA/; BUNDESANSTALT TIERSEUCHENBEKAMPFUNG,/MODLING//AUSTRIA/

Journal: BERLINER UND MUNCHENER TIERARZTLICHE WOCHENSCHRIFT , 1999 , V 112 , N6-7 (JUN-JUL) , P 211-215

ISSN: 0005-9366 Publication date: 19990600

Publisher: BLACKWELL WISSENSCHAFTS-VERLAG GMBH , KURFURSTENDAMM 57, D-10707 BERLIN, GERMANY

Language: German Document Type: ARTICLE (ABSTRACT AVAILABLE)

13/3/17 (Item 5 from file: 34) Links

Fulltext available through: STIC Full Text Retrieval Options

SciSearch(R) Cited Ref Sci

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05059867 Genuine Article#: TM736 No. References: 31

CASEIN HAPLOTYPES AND THEIR ASSOCIATION WITH MILK-PRODUCTION TRAITS IN THE FINNISH AYRSHIRE CATTLE

Author: VELMALA R; VILKKI J; ELO K; MAKITANILA A

Corporate Source: AGR RES CTR,INST ANIM PROD,SECT ANIM BREEDING/SF-31600 JOKIOINEN//FINLAND/

Journal: ANIMAL GENETICS , 1995 , V 26 , N6 (DEC) , P 419-425

ISSN: 0268-9146

Language: ENGLISH Document Type: ARTICLE (Abstract Available)

Untitled

13/3/18 (Item 1 from file: 73) Links

Fulltext available through: STIC Full Text Retrieval Options

EMBASE

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0079239033 EMBASE No: 2002403088

Development of a peptide-mediated capture PCR for detection of *Mycobacterium avium* subsp. *paratuberculosis* in milk

Stratmann J.; Strommenger B.; Stevenson K.; Gerlach G.-F.

Tieraerztliche Hochschule Hannover, Inst. fuer Mikrobiol./Tierseuchen, Bischofsholer Damm 15, D-30173 Hannover, Germany

Corresp. Author: Gerlach G.-F.

Corresp. Author Affil: Tieraerztliche Hochschule Hannover, Inst. fuer Mikrobiol./Tierseuchen, Bischofsholer Damm 15, D-30173 Hannover, Germany

Corresp. Author email: gfgerlach@gmx.de

Journal of Clinical Microbiology (J. Clin. Microbiol.) (United States) November 1, 2002 , 40/11 (4244-4250)

CODEN: JCMID ISSN: 00951137

Item Identifier (DOI): 10.1128/JCM.40.11.4244-4250.2002

Document Type: Journal ; Article Record Type: Abstract

Language: English Summary language: English

Number of References: 36

13/3/19 (Item 1 from file: 144) Links

Pascal

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14622196 PASCAL No.: 00-0292520

Mycobacterium paratuberculosis in cattle and food hygiene

Quality and safety of raw milk and its impact on milk and milk products

HAMMER P

Federal Dairy Research Centre, Institute for Hygiene and Food Safety,
P.O. Box 6069, 24121 Kiel, Germany

International Dairy Federation, Brussels, Belgium

Quality and Safety of Raw Milk and its Impact on Milk and Milk Products.
ConferenceIDF, Commission A. Meeting, 27 (Athens GRC) 1999-09

Journal: Bulletin - International Dairy Federation
, 1999 (345)

19-22

Language: English

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13/3/20 (Item 2 from file: 144) Links

Pascal

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12485712 PASCAL No.: 96-0150085

Untitled

Inactivation of *Mycobacterium paratuberculosis* in
cow's milk at pasteurization temperatures

GRANT I R; BALL H J; NEILL S D; ROWE M T
Queen's univ. Belfast, agriculture food sci. cent., dep. food sci. (food
microbiology), Belfast BT9 5PX, United Kingdom
Journal: Applied and environmental microbiology,
1996, 62 (2)
631-636
Language: English

? t s13/3/1-20

13/3/1 (Item 1 from file: 5) Links

Fulltext available through: STIC Full Text Retrieval Options

Biosis Previews(R)

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17671944 Biosis No.: 200400042701

Evidence for a novel gene expression program in peripheral blood mononuclear cells from *Mycobacterium avium* subsp.
paratuberculosis-infected cattle.

Author: Coussens Paul M (Reprint); Colvin Christopher J; Rosa Guilherme J M; Laspiur Juliana Perez; Elftman Michael D
Author Address: Department of Animal Science, Michigan State University, 1205H Anthony Hall, East Lansing, MI, 48824,
USA**USA
Author E-mail Address: coussens@msu.edu
Journal: Infection and Immunity 71 (11): p 6487-6498 November 2003 2003
Medium: print
ISSN: 0019-9567 _(ISSN print)
Document Type: Article
Record Type: Abstract
Language: English

13/3/2 (Item 2 from file: 5) Links

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17508180 Biosis No.: 200300463791

Detection of *Mycobacterium avium* subsp. *paratuberculosis* in goats milk by immunomagnetic PCR.

Author: Djonne B (Reprint); Jensen M R (Reprint); Grant I R; Holstad G (Reprint)
Author Address: National Veterinary Institute, N-0033, Post Box 8156 Dep., Oslo, Norway** Norway
Journal: FEMS Congress of European Microbiologists Abstract Book (1): p 453 2003 2003
Medium: print
Conference/Meeting: 1st Federation of European Microbiological Societies (FEMS) Congress of European Microbiologists
Ljubljana, Slovenia June 29-July 03, 2003; 20030629
Sponsor: FEMS (Federation of European Microbiological Societies)
Document Type: Meeting; Meeting Abstract
Record Type: Citation
Language: English

Untitled

13/3/3 (Item 3 from file: 5) Links

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16733313 Biosis No.: 200200326824

Incidence of Mycobacterium paratuberculosis in bulk raw and commercially pasteurized cows' milk from approved dairy processing establishments in the United Kingdom

Author: Grant Irene R (Reprint); Ball Hywel J; Rowe Michael T

Author Address: Department of Food Science (Food Microbiology), Queen's University of Belfast, Newforge La., Belfast, BT9 5PX, UK**UK

Journal: Applied and Environmental Microbiology 68 (5): p 2428-2435 May, 2002 2002

Medium: print

ISSN: 0099-2240

Document Type: Article

Record Type: Abstract

Language: English

13/3/4 (Item 4 from file: 5) Links

Fulltext available through: STIC Full Text Retrieval Options

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16658134 Biosis No.: 200200251645

Diagnosis of paratuberculosis in milk: Antibody and pathogen detection by ELISA and PCR

Author: Winterhoff C (Reprint); Homuth M (Reprint); Strutzberg K (Reprint); Gerlach G F

Author Address: Gesellschaft fuer Innovative Veterinaerdiagnostik mbH, Hannover, Germany** Germany

Journal: Abstracts of the General Meeting of the American Society for Microbiology 101 p 703 2001 2001

Medium: print

Conference/Meeting: 101st General Meeting of the American Society for Microbiology Orlando, FL, USA May 20-24, 2001; 20010520

Sponsor: American Society for Microbiology

ISSN: 1060-2011

Document Type: Meeting; Meeting Abstract

Record Type: Abstract

Language: English

13/3/5 (Item 5 from file: 5) Links

Fulltext available through: STIC Full Text Retrieval Options

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16579218 Biosis No.: 200200172729

Effect of commercial-scale high-temperature, short-time pasteurization on the viability of Mycobacterium paratuberculosis in naturally infected cows' milk

Author: Grant Irene R (Reprint); Hitchings Edward I; McCartney Alan; Ferguson Fiona ; Rowe Michael T

Author Address: Department of Food Science (Food Microbiology), Queen's University Belfast, Newforge Ln., Belfast, BT9 5PX, UK**UK

Journal: Applied and Environmental Microbiology 68 (2): p 602-607 February, 2002 2002

Medium: print

ISSN: 0099-2240

Document Type: Article

Record Type: Abstract

Language: English

13/3/6 (Item 6 from file: 5) Links

Fulltext available through: STIC Full Text Retrieval Options

Biosis Previews(R)

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16184588 Biosis No.: 200100356427

Isolation and characterization of hepatic and intestinal expressed sequence tags potentially involved in trait differentiation between cows of different metabolic type

Author: Dorroch Ute; Goldammer Tom; Brunner Ronald M; Kata Srivanas R; Kuehn Christa; Womack James E; Schwerin Manfred (Reprint)

Author Address: Research Unit for Molecular Biology, Research Institute for the Biology of Farm Animals Dummerstorf, Wilhelm-Stahl-Allee 2, D-18196, Dummerstorf, Germany**Germany

Journal: Mammalian Genome 12 (7): p 528-537 July, 2001 2001

Medium: print

ISSN: 0938-8990

Document Type: Article

Record Type: Abstract

Language: English

13/3/7 (Item 7 from file: 5) Links

Fulltext available through: STIC Full Text Retrieval Options

Biosis Previews(R)

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15912335 Biosis No.: 200100084174

Detection of Mycobacterium avium subsp. paratuberculosis in milk from clinically affected cows by PCR and culture

Author: Giese S B (Reprint); Ahrens P

Author Address: Danish Veterinary Laboratory, Bulowsvej 27, DK-1790, Copenhagen V, Denmark **Denmark

Journal: Veterinary Microbiology 77 (3-4): p 291-297 20 December, 2000 2000

Medium: print

ISSN: 0378-1135

Document Type: Article

Record Type: Abstract

Language: English

13/3/8 (Item 8 from file: 5) Links

Fulltext available through: STIC Full Text Retrieval Options

Biosis Previews(R)

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15909979 Biosis No.: 200100081818

Improved detection of Mycobacterium avium subsp. paratuberculosis in milk by immunomagnetic PCR

Author: Grant I R (Reprint); Pope C M; O'Riordan L M; Ball H J; Rowe M T

Author Address: Department of Food Science (Food Microbiology), The Queen's University of Belfast, Newforge Lane, Belfast, UK**UK

Journal: Veterinary Microbiology 77 (3-4): p 369-378 20 December, 2000 2000

Medium: print

ISSN: 0378-1135

Document Type: Article

Record Type: Abstract

Language: English

13/3/9 (Item 9 from file: 5) [Links](#)

Fulltext available through: STIC Full Text Retrieval Options

Biosis Previews(R)

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15347553 Biosis No.: 200000065866

Mycobacterium avium subsp. paratuberculosis in milk: An animal and human pathogen

Author: Hermon-Taylor J (Reprint); Cheng J (Reprint); Bull T (Reprint)

Author Address: Department of Surgery, St George's Hospital Medical School, London, SW17 0RE, UK**UK

Journal: Journal of Microbiological Methods 38 (3): p 217 Nov., 1999 1999

Medium: print

Conference/Meeting: European Meeting on Molecular Diagnostics Scheveningen, The Hague, Netherlands October 13-16, 1999; 19991013

ISSN: 0167-7012

Document Type: Meeting; Meeting Abstract

Record Type: Citation

Language: English

13/3/10 (Item 10 from file: 5) [Links](#)

Fulltext available through: STIC Full Text Retrieval Options

Biosis Previews(R)

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14416149 Biosis No.: 199800210396

Effect of high-temperature, short-time (HTST) pasteurization on milk containing low numbers of Mycobacterium paratuberculosis

Author: Grant Irene R (Reprint); Ball H J; Rowe M T

Author Address: Dep. Food Sci., Queen's Univ. Belfast, Newforge Lane, Belfast BT9 5PX, UK** UK

Journal: Letters in Applied Microbiology 26 (2): p 166-170 Feb., 1998 1998

Medium: print

ISSN: 0266-8254

Document Type: Article

Record Type: Abstract

Language: English

13/3/11 (Item 11 from file: 5) [Links](#)

Fulltext available through: STIC Full Text Retrieval Options

Biosis Previews(R)

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13595664 Biosis No.: 199699229724

IS900 PCR to detect Mycobacterium paratuberculosis in retail supplies of whole pasteurized cows' milk in England and Wales

Author: Millar Douglas; Ford Jon; Sanderson Jeremy; Withey Simon; Tizard Mark; Doran Tim; Hermon-Taylor John (Reprint)

Author Address: Dep. Surgery, St. George's Hosp. Med. Sch., Cranmer Terrace, London SW7 0RE, UK**UK

Journal: Applied and Environmental Microbiology 62 (9): p 3446-3452 1996 1996

ISSN: 0099-2240

Document Type: Article

Record Type: Abstract

Language: English

13/3/12 (Item 12 from file: 5) Links

Fulltext available through: STIC Full Text Retrieval Options

Biosis Previews(R)

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13081577 Biosis No.: 199598549410

Ex vivo induction of TNF-alpha and IL-6 mRNA in bovine whole blood by Mycobacterium paratuberculosis and mycobacterial cell wall components

Author: Adams Jeffrey L; Czuprynski Charles J (Reprint)

Author Address: Department Pathobiological Sciences, School Veterinary Medicine, 2015 Linden Drive West, Madison, WI 53706, USA**USA

Journal: Microbial Pathogenesis 19 (1): p 19-29 1995 1995

ISSN: 0882-4010

Document Type: Article

Record Type: Abstract

Language: English

13/3/13 (Item 1 from file: 34) Links

Fulltext available through: STIC Full Text Retrieval Options

SciSearch(R) Cited Ref Sci

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11880975 Genuine Article#: 706QY No. References: 31

Study on genetic variation of 4 microsatellite DNA markers and their relationship with somatic cell counts in cow milk

Author: Jin HG (REPRINT) ; Zhou GL; Cao Y; Chu MX

Corporate Source: Yanbian Univ,Coll Agr,Longjing 133400/Jilin/Peoples R China/ (REPRINT); Yanbian Univ,Coll Agr,Longjing 133400/Jilin/Peoples R China/

Journal: ASIAN-AUSTRALASIAN JOURNAL OF ANIMAL SCIENCES , 2003 , V 16 , N10 (OCT) , P 1535-1539

ISSN: 1011-2367 Publication date: 20031000

Publisher: ASIAN-AUSTRALASIAN ASSOC ANIMAL PRODUCTION SOCIETIES , COLLEGE AGRICULTURE LIFE SCIENCES, DEPT ANIMAL SCIENCE TECHNOLOGY, SUWON 441-744, SOUTH KOREA

Language: English Document Type: ARTICLE (ABSTRACT AVAILABLE)

13/3/14 (Item 2 from file: 34) Links

Fulltext available through: STIC Full Text Retrieval Options

SciSearch(R) Cited Ref Sci

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11843857 Genuine Article#: 701UH No. References: 34

Application of disease-associated differentially expressed genes - Mining for functional candidate genes for mastitis resistance in cattle

Author: Schwerin M (REPRINT) ; Czernek-Schafer D; Goldammer T; Kata SR; Womack JE; Pareek R; Pareek C; Walawski K; Brunner RM

Corporate Source: Res Inst Biol Farm Anim,Res Unit Mol Biol,Dummerstorf//Germany/ (REPRINT); Res Inst Biol Farm Anim,Res Unit Mol Biol,Dummerstorf//Germany/; Texas A&M Univ,Dept Vet Pathobiol,College Stn//TX/77843; Univ Warmia & Mazury,Dept Anim Genet,Olsztyn//Poland/

Journal: GENETICS SELECTION EVOLUTION , 2003 , V 35 , 1 , P S19-S34

ISSN: 0999-193X Publication date: 20030000

Publisher: E D P SCIENCES , 7, AVE DU HOGGAR, PARC D ACTIVITES COURTABOEUF, BP 112, F-91944 LES ULIS CEDEXA, FRANCE

Untitled

Language: English Document Type: ARTICLE (ABSTRACT AVAILABLE)

13/3/15 (Item 3 from file: 34) Links

Fulltext available through: STIC Full Text Retrieval Options

SciSearch(R) Cited Ref Sci

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11474554 Genuine Article#: 655PE No. References: 16

Temporal patterns of diagnostic results in serial samples from cattle with advanced paratuberculosis infections

Author: Barrington GM (REPRINT) ; Gay JM; Eriks IS; Davis WC; Evermann JE; Emerson C; O'Rourke JL; Hamilton MJ; Bradway DS

Corporate Source: Washington State Univ,Dept Vet Clin Sci,Pullman//WA/99164 (REPRINT); Washington State Univ,Dept Vet Clin Sci,Pullman//WA/99164; Washington State Univ,Dept Vet Microbiol & Pathol,Pullman//WA/99164; Washington State Univ,Washington Anim Dis Diagnost Lab,Pullman//WA/99164

Journal: JOURNAL OF VETERINARY DIAGNOSTIC INVESTIGATION , 2003 , V 15 , N2 (MAR) , P 195-200

ISSN: 1040-6387 Publication date: 20030300

Publisher: AMER ASSOC VETERINARY LABORATORY DIAGNOSTICIANS INC , PO BOX 1522, TURLOCK, CA 95381 USA

Language: English Document Type: ARTICLE (ABSTRACT AVAILABLE)

13/3/16 (Item 4 from file: 34) Links

Fulltext available through: STIC Full Text Retrieval Options

SciSearch(R) Cited Ref Sci

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07902455 Genuine Article#: 221UK No. References: 32

Detection of Mycobacterium avium subspecies paratuberculosis by polymerase chain reaction and cultural method in Austria

Author: AwadMasalmeh M (REPRINT) ; Zimpermik I; Baumgartner W; Hinterdorfer F; Flatscher J

Corporate Source: VET MED UNIV,MED KLIN KLAUENTIERE 2/A-1210 VIENNA//AUSTRIA/ (REPRINT);

BUNDESANSTALT VET MED UNTERSUCHUNGEN,/GRAZ//AUSTRIA/; BUNDESANSTALT

TIERSEUCHENBEKAMPFUNG,/MODLING//AUSTRIA/

Journal: BERLINER UND MUNCHENER TIERARZTLICHE WOCHENSCHRIFT , 1999 , V 112 , N6-7 (JUN-JUL) , P 211-215

ISSN: 0005-9366 Publication date: 19990600

Publisher: BLACKWELL WISSENSCHAFTS-VERLAG GMBH , KURFURSTENDAMM 57, D-10707 BERLIN, GERMANY

Language: German Document Type: ARTICLE (ABSTRACT AVAILABLE)

13/3/17 (Item 5 from file: 34) Links

Fulltext available through: STIC Full Text Retrieval Options

SciSearch(R) Cited Ref Sci

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05059867 Genuine Article#: TM736 No. References: 31

CASEIN HAPLOTYPES AND THEIR ASSOCIATION WITH MILK-PRODUCTION TRAITS IN THE FINNISH AYRSHIRE CATTLE

Author: VELMALA R; VILKKI J; ELO K; MAKITANILA A

Corporate Source: AGR RES CTR,INST ANIM PROD,SECT ANIM BREEDING/SF-31600 JOKIOINEN//FINLAND/

Journal: ANIMAL GENETICS , 1995 , V 26 , N6 (DEC) , P 419-425

ISSN: 0268-9146

Language: ENGLISH Document Type: ARTICLE (Abstract Available)

Untitled

13/3/18 (Item 1 from file: 73) Links

Fulltext available through: STIC Full Text Retrieval Options

EMBASE

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0079239033 EMBASE No: 2002403088

Development of a peptide-mediated capture PCR for detection of *Mycobacterium avium* subsp. *paratuberculosis* in milk

Stratmann J.; Strommenger B.; Stevenson K.; Gerlach G.-F.

Tieraerztliche Hochschule Hannover, Inst. fuer Mikrobiol./Tierseuchen, Bischofsholer Damm 15, D-30173 Hannover, Germany

Corresp. Author: Gerlach G.-F.

Corresp. Author Affil: Tieraerztliche Hochschule Hannover, Inst. fuer Mikrobiol./Tierseuchen, Bischofsholer Damm 15, D-30173 Hannover, Germany

Corresp. Author email: gfgerlach@gmx.de

Journal of Clinical Microbiology (J. Clin. Microbiol.) (United States) November 1, 2002 , 40/11 (4244-4250)

CODEN: JCMID ISSN: 00951137

Item Identifier (DOI): 10.1128/JCM.40.11.4244-4250.2002

Document Type: Journal ; Article Record Type: Abstract

Language: English Summary language: English

Number of References: 36

13/3/19 (Item 1 from file: 144) Links

Pascal

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14622196 PASCAL No.: 00-0292520

Mycobacterium paratuberculosis in cattle and food hygiene

Quality and safety of raw milk and its impact on milk and milk products

HAMMER P

Federal Dairy Research Centre, Institute for Hygiene and Food Safety, P.O. Box 6069, 24121 Kiel, Germany

International Dairy Federation, Brussels, Belgium

Quality and Safety of Raw Milk and its Impact on Milk and Milk Products.

ConferenceIDF, Commission A. Meeting, 27 (Athens GRC) 1999-09

Journal: Bulletin - International Dairy Federation

, 1999 (345)

19-22

Language: English

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13/3/20 (Item 2 from file: 144) Links

Pascal

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12485712 PASCAL No.: 96-0150085

Inactivation of Mycobacterium paratuberculosis in
cow's milk at pasteurization temperatures

GRANT I R; BALL H J; NEILL S D; ROWE M T
Queen's univ. Belfast, agriculture food sci. cent., dep. food sci. (food
microbiology), Belfast BT9 5PX, United Kingdom
Journal: Applied and environmental microbiology,
1996, 62 (2)
631-636
Language: English

? d s

Set Items Description

S1 19 AU='BUERGELT, C. D.' OR AU='BUERGELT, C.D.' FROM 5, 34, 35, 45, 65, 71, 73, 91, 98, 135, 144, 149,
155, 156, 159, 162, 164, 172, 266, 369, 370, 399, 434, 444, 467

S2 18 RD (unique items)

S3 334156 S MYCOBACTERIUM

S4 18 S S1 AND S2

S5 20 AU='WILLIAMS, JOSEPH ELLIOT' OR AU='WILLIAMS, JOSEPH E.' OR AU='WILLIAMS, JOSEPH'
FROM 5, 34, 35, 45, 65, 71, 73, 91, 98, 135, 144, 149, 155, 156, 159, 162, 164, 172, 266, 369, 370, 399, 434, 444, 467

S6 0 S S2 AND S5

S7 10 AU='PARK, JEONGHAE' FROM 5, 34, 35, 45, 65, 71, 73, 91, 98, 135, 144, 149, 155, 156, 159, 162, 164, 172,
266, 369, 370, 399, 434, 444, 467

S8 8 RD (unique items)

S9 30221 S ((MYCOBACTERIUM (W4) PARATUBERCULOSIS) OR MAP) AND (PCR OR (POLYMERASE (W)
CHAIN (W) REACTION))

S10 90380 S (BLOOD OR MILK) AND COW

S11 109 S S9 AND S10

S12 61 RD (unique items)

S13 34 S S12 NOT PY>2003